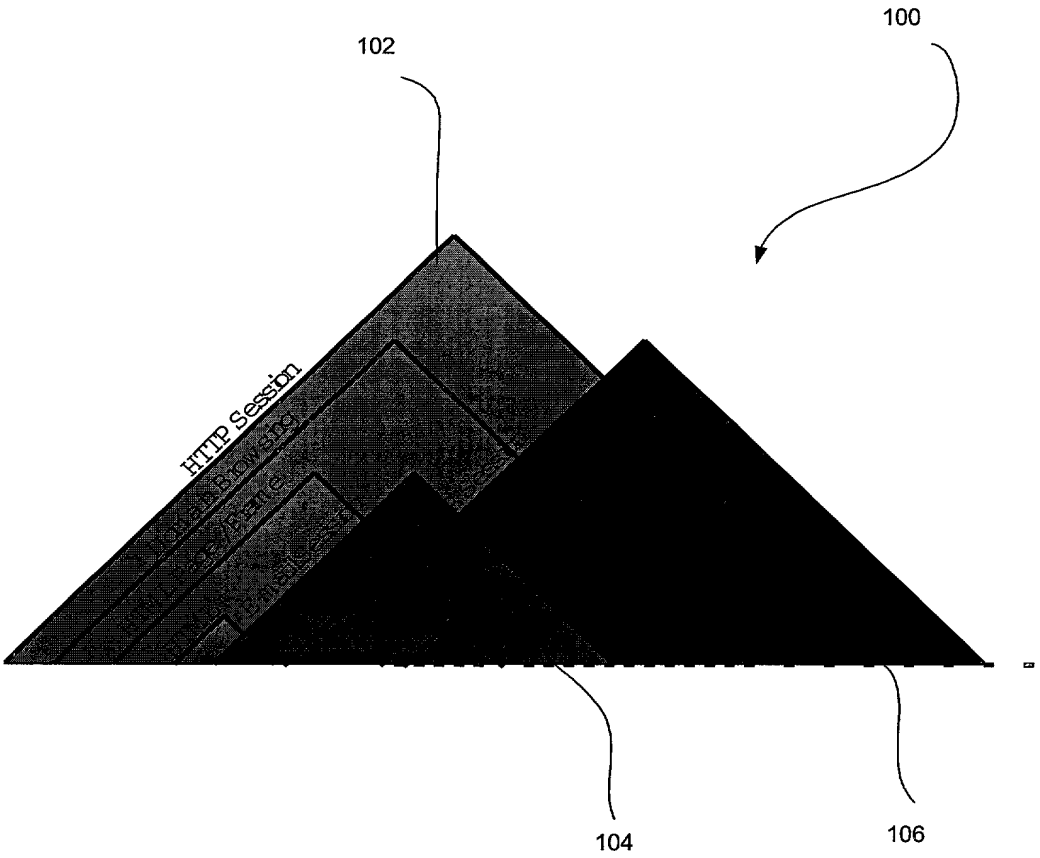

Fig. 1

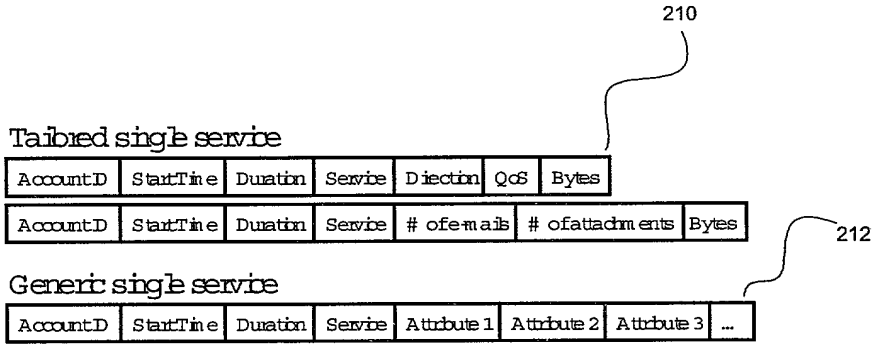

Fig. 2

Replacement Sheet

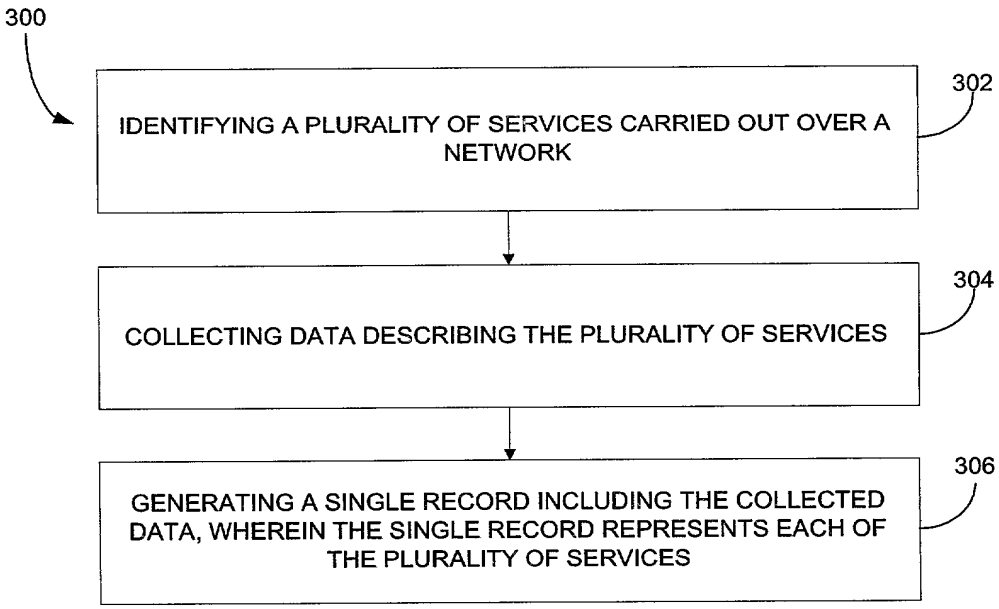

Fig. 3

Electronic Copy Downloaded from PatentDocs.org

Replacement Sheet

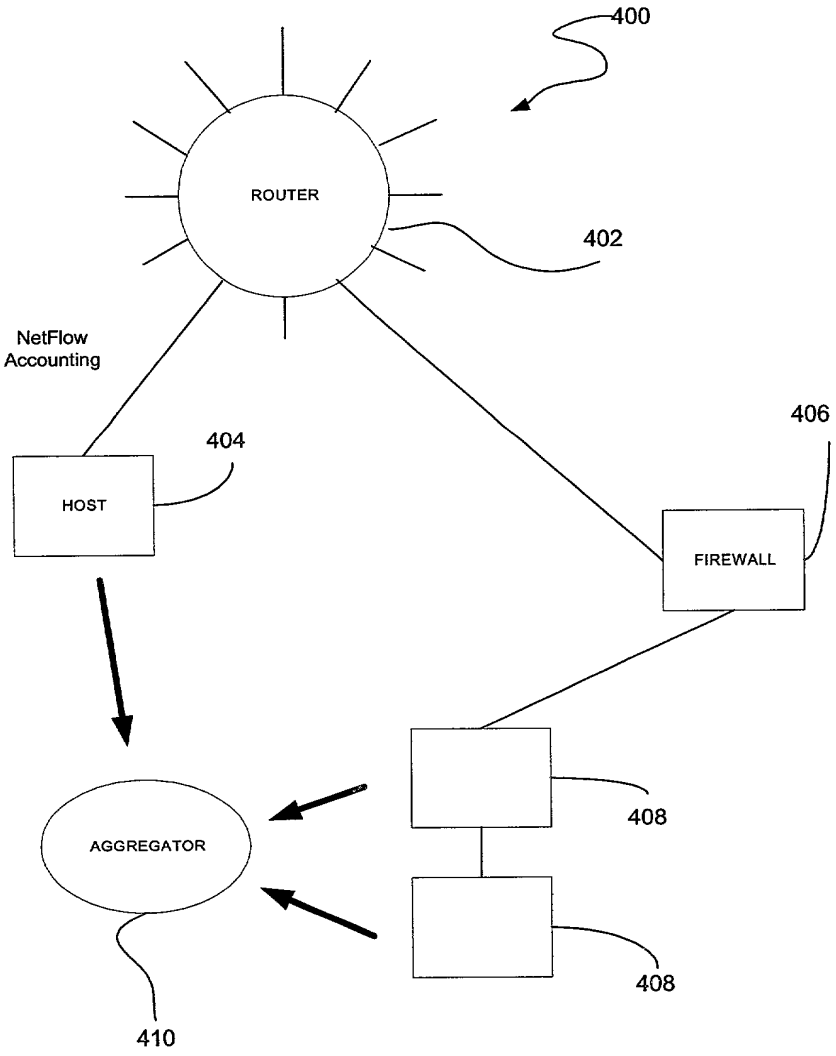

Fig. 4

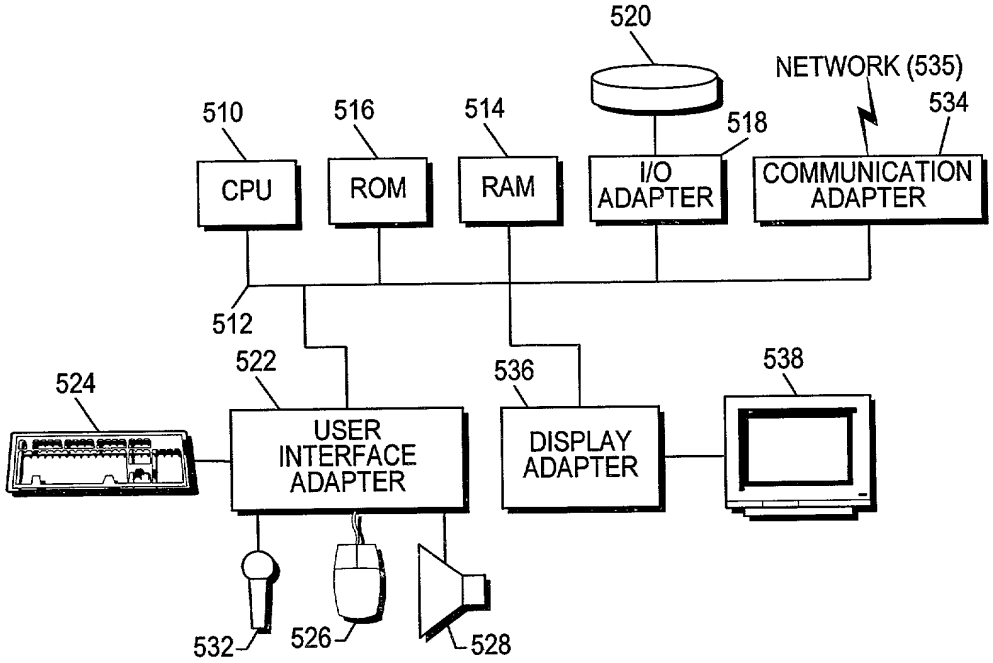
520
NETWORK (535)
534
510
516
514
518
CPU
ROM
RAM
I/O ADAPTER
COMMUNICATION ADAPTER
512
522
536
538
524
USER INTERFACE ADAPTER
DISPLAY ADAPTER
532
526
528

Fig. 5

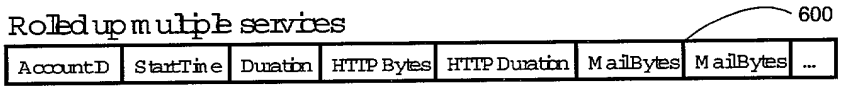
Rolled up multiple services
600
AccountID
StartTime
Duration
HTTP Bytes
HTTP Duration
MailBytes
MailBytes
...

Fig. 6

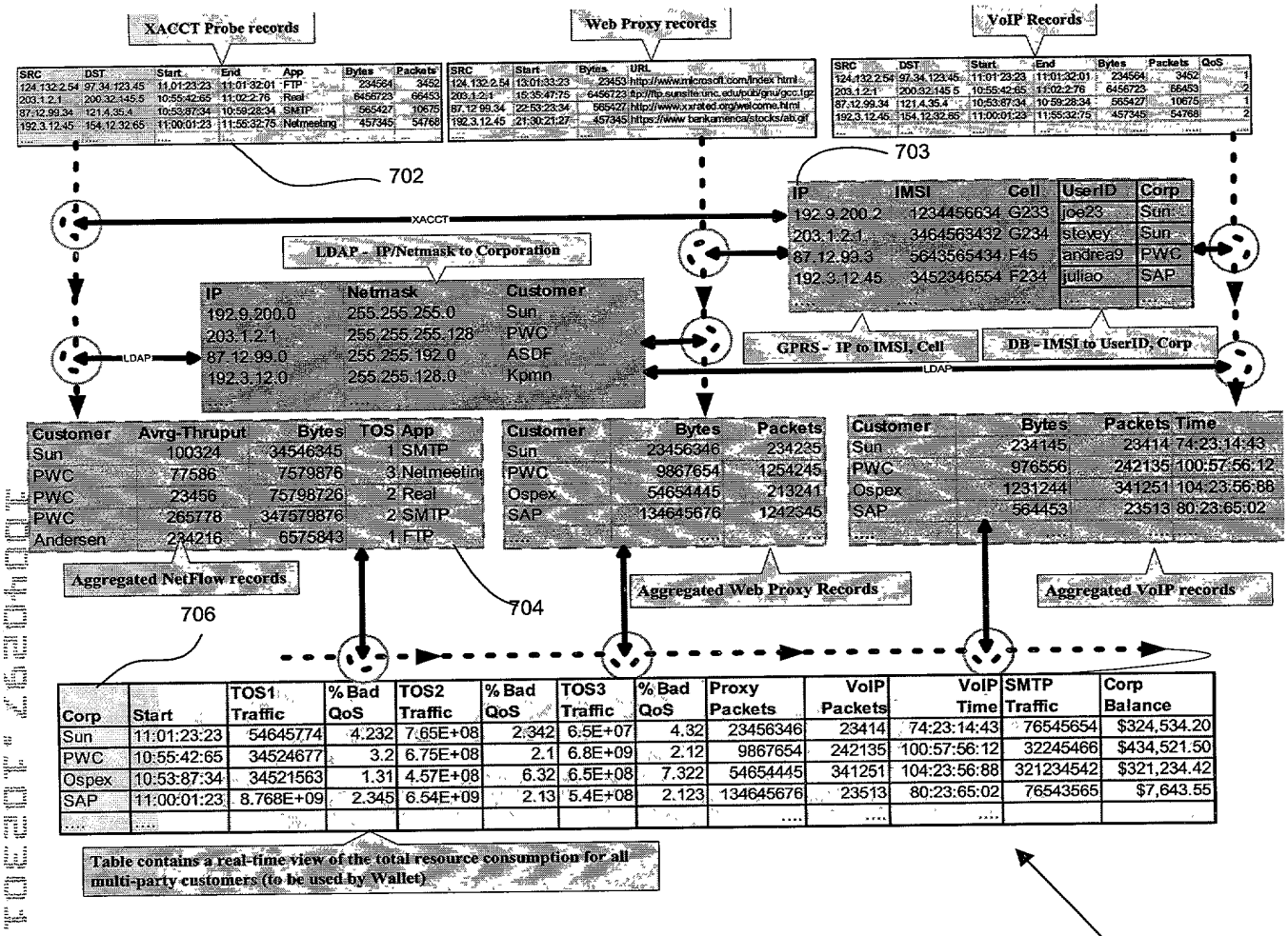
XACCT Probe records
Web Proxy records
VoIP Records
SRC DST Start End App Bytes Packets
124.132.2.54 97.34.123.45 11:01:23:23 11:01:32:01 FTP 234564 3452
203.1.2.1 200.32.145.5 10:55:42:65 11:02:2:76 Real 6456723 66453
87.12.99.34 121.4.35.4 10:53:87:34 10:59:28:34 SMTP 565427 10675
192.3.12.45 154.12.32.65 11:00:01:23 11:55:32:75 Netmeeting 457345 54768
SRC Start Bytes URL
124.132.2.54 13:01:33:23 23453 http://www.microsoft.com/index.html
203.1.2.1 15:35:47:75 6456723 ftp://ftp.sunsite.unc.edu/pub/gnu/gcc.tgz
87.12.99.34 22:53:23:34 565427 http://www.xxrated.org/welcome.html
192.3.12.45 21:30:21:27 457345 https://www.bankamerica/stocks/ab.gif
SRC DST Start End Bytes Packets QoS
124.132.2.54 97.34.123.45 11:01:23:23 11:01:32:01 234564 3452 1
203.1.2.1 200.32.145.5 10:55:42:65 11:02:2:76 6456723 66453 2
87.12.99.34 121.4.35.4 10:53:87:34 10:59:28:34 565427 10675 1
192.3.12.45 154.12.32.65 11:00:01:23 11:55:32:75 457345 54768 2
702
703
XACCT
LDAP - IP/Netmask to Corporation
IP Netmask Customer
192.9.200.0 255.255.255.0 Sun
203.1.2.1 255.255.255.128 PWC
87.12.99.0 255.255.192.0 ASDF
192.3.12.0 255.255.128.0 Kpmn
IP IMSI Cell UserID Corp
192.9.200.2 1234456634 G233 joe23 Sun
203.1.2.1 3464563432 G234 stevey Sun
87.12.99.3 5643565434 F45 andrea9 PWC
192.3.12.45 3452346554 F234 julieo SAP
LDAP
GPRS - IP to IMSI, Cell
DB - IMSI to UserID, Corp
LDAP
Customer Avrg-Thruput Bytes TOS App
Sun 100324 34546345 1 SMTP
PWC 77586 7579876 3 Netmeeting
PWC 23456 75798726 2 Real
PWC 265778 347579876 2 SMTP
Andersen 234216 6575843 1 FTP
Customer Bytes Packets
Sun 23456346 234235
PWC 9867654 1254245
Ospex 54654445 213241
SAP 134645676 1242345
Customer Bytes Packets Time
Sun 234145 23414 74:23:14:43
PWC 976556 242135 100:57:56:12
Ospex 1231244 341251 104:23:56:88
SAP 564453 23513 80:23:65:02
Aggregated NetFlow records
706
704
Aggregated Web Proxy Records
Aggregated VoIP records
Corp Start TOS1 Traffic % Bad QoS TOS2 Traffic % Bad QoS TOS3 Traffic % Bad QoS Proxy Packets VoIP Packets VoIP Time SMTP Traffic Corp Balance
Sun 11:01:23:23 54645774 4.232 7.65E+08 2.342 6.5E+07 4.32 23456346 23414 74:23:14:43 76545654 $324,534.20
PWC 10:55:42:65 34524677 3.2 6.75E+08 2.1 6.8E+09 2.12 9867654 242135 100:57:56:12 32245466 $434,521.50
Ospex 10:53:87:34 34521563 1.31 4.57E+08 6.32 6.5E+08 7.322 54654445 341251 104:23:56:88 321234542 $321,234.42
SAP 11:00:01:23 8.768E+09 2.345 6.54E+09 2.13 5.4E+08 2.123 134645676 23513 80:23:65:02 76543565 $7,643.55
Table contains a real-time view of the total resource consumption for all multi-party customers (to be used by Wallet)

Figure 7

700

TOE20T "2620h00T

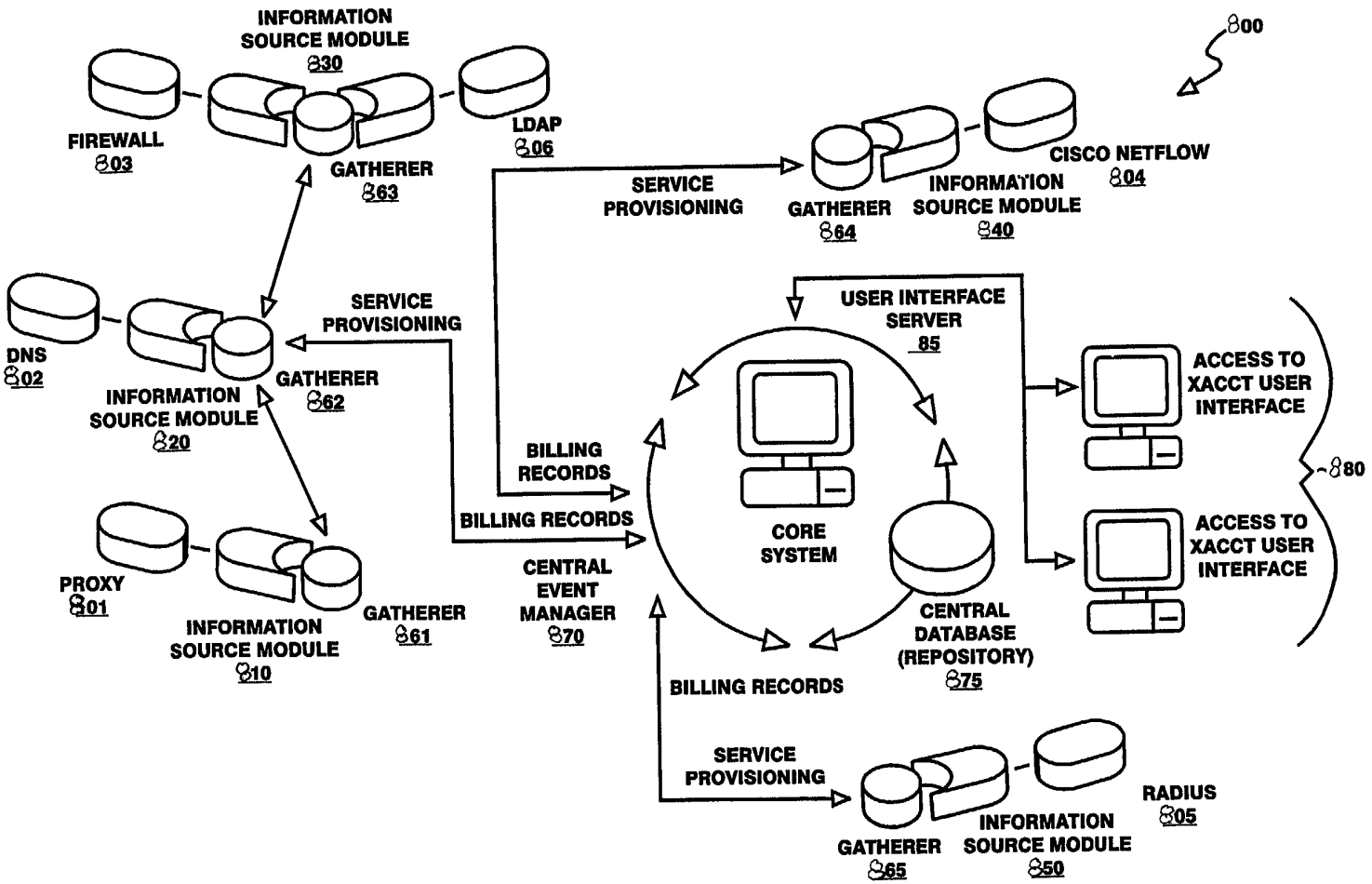

FIG. 8

TOE20T 26204007

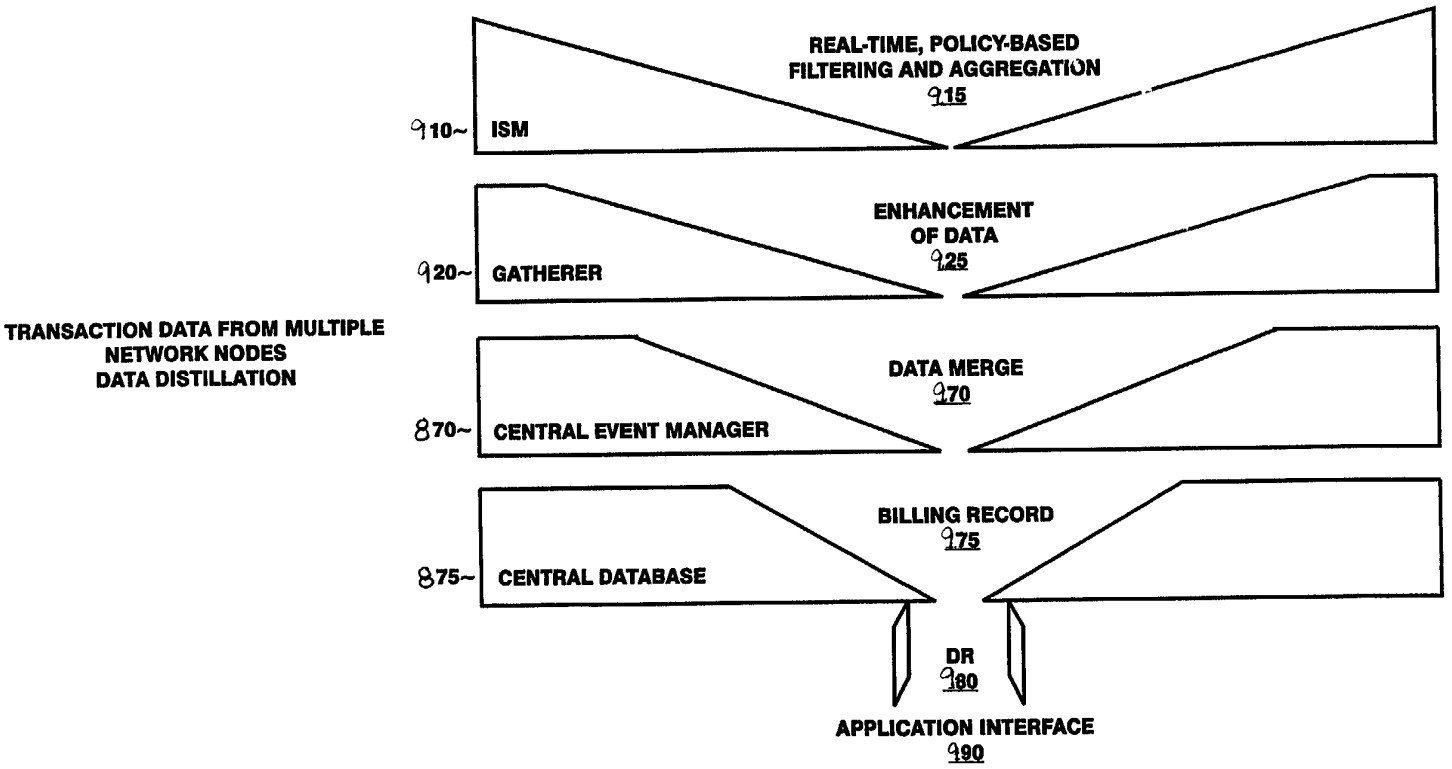

FIG. 9

TOE20T "Z620h00T

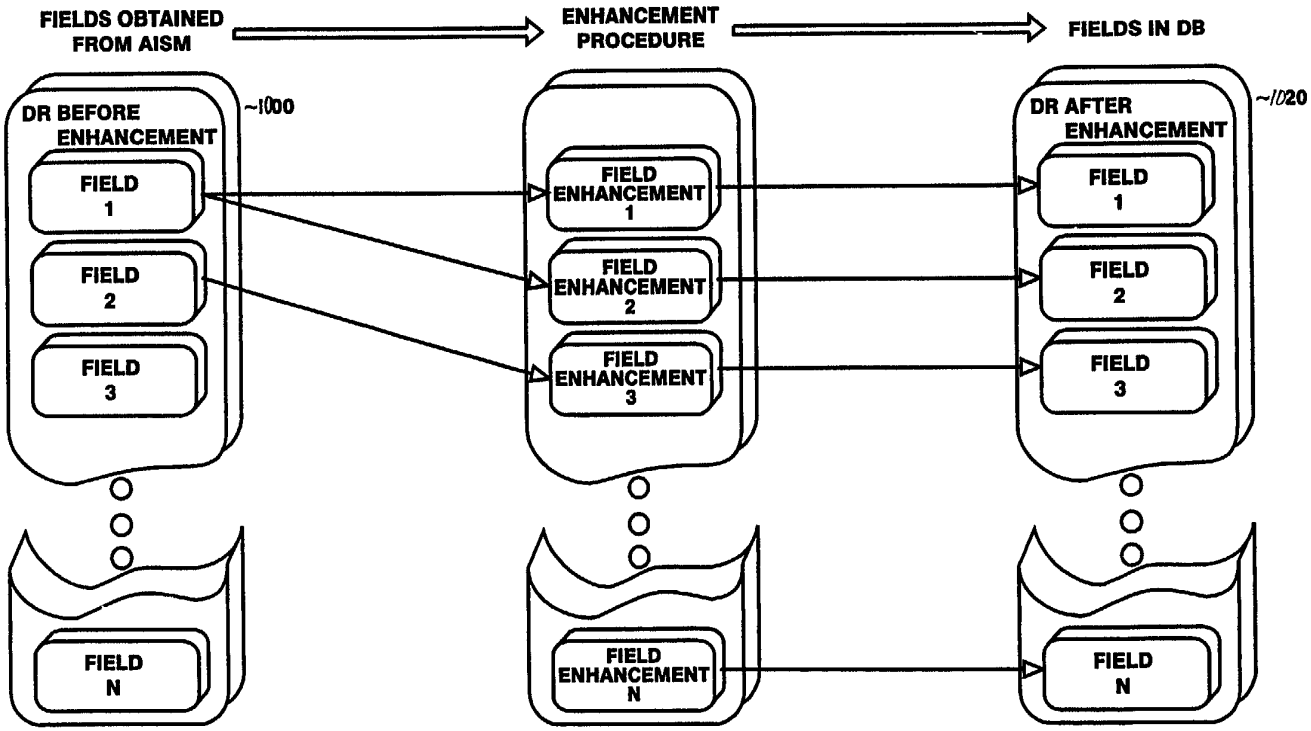

FIG. 10

T0E20T" Z620h00T

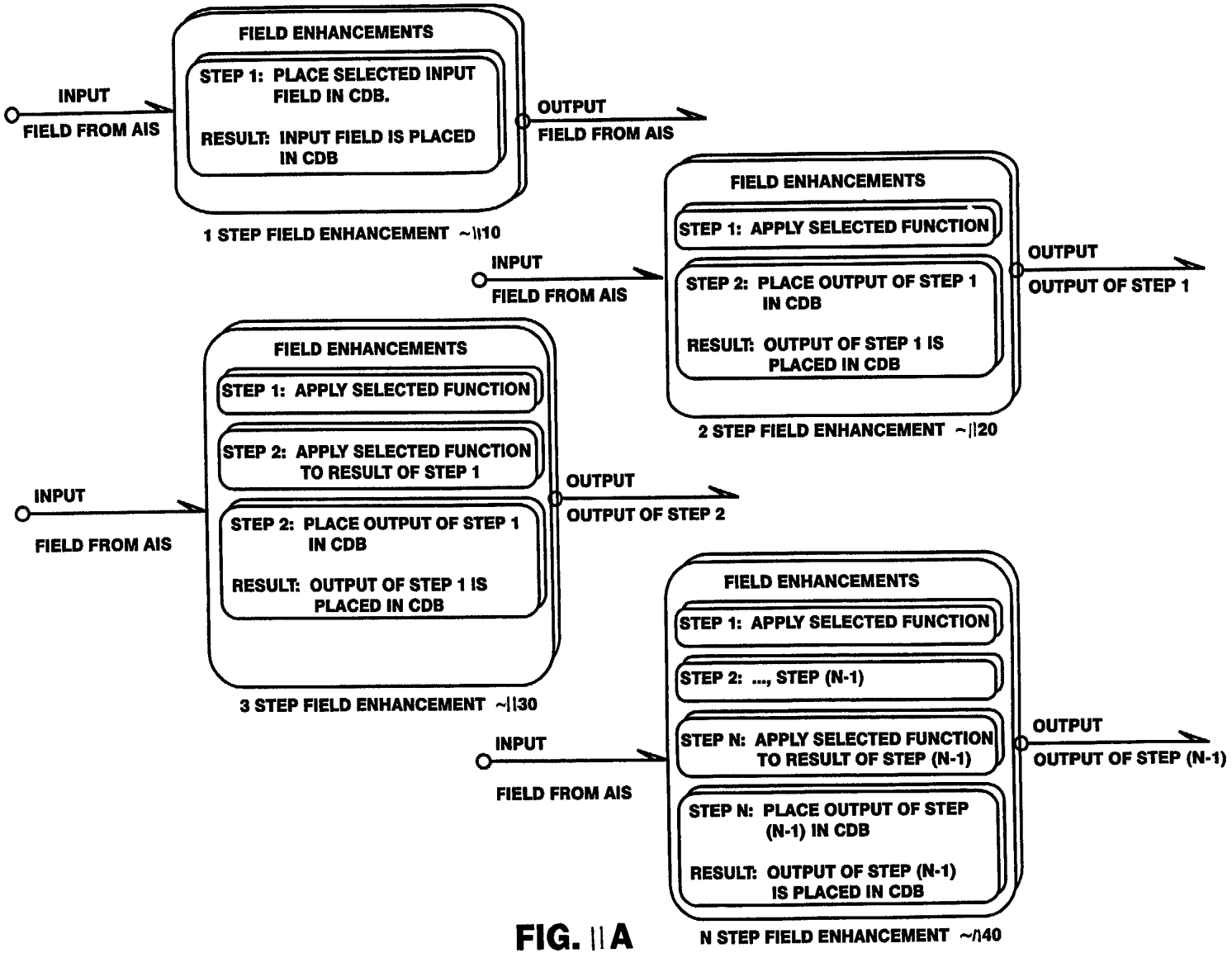

FIG. 1A

TOE20T" 2620h00T

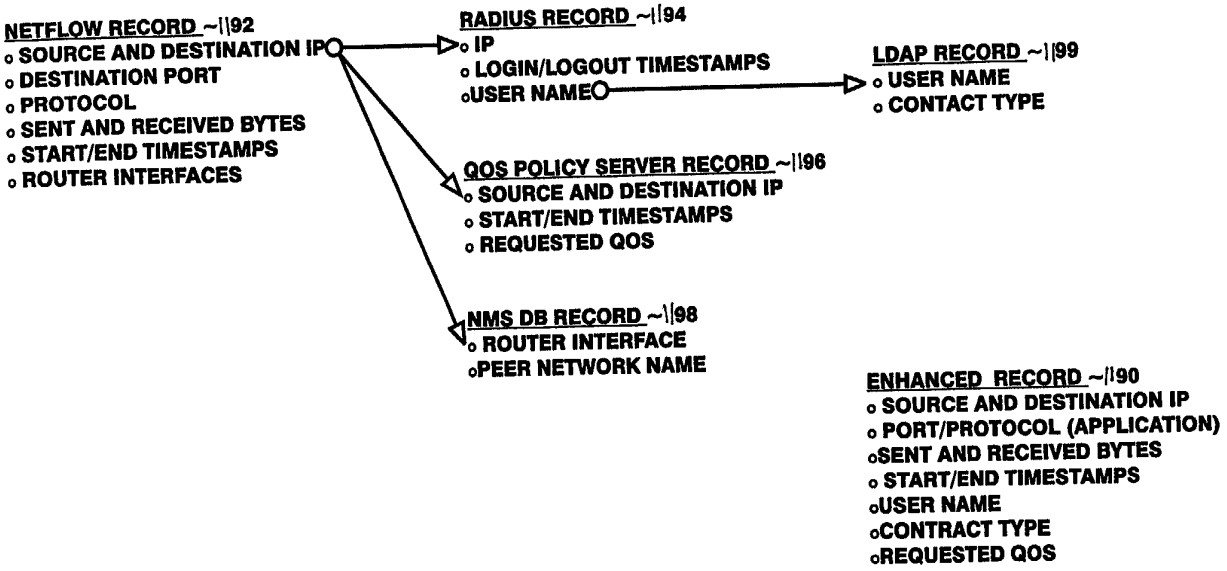

FIG. 1B